

20030321.ba v03_n468.bam.20030321

>From ???@??? Fri Mar 21 17:02:07 2003 -0600
Message-Id: <200303212302.h2LN22JD021841@sco.theporch.com>
Date: Fri, 21 Mar 2003 17:01:46 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3468

BOATANCHORS Digest 3468

Topics covered in this issue include:

- 1) Re: Question For The Experts
by Scott Robinson <spr@earthlink.net>
- 2) RE: Question For The Experts
by "Bill Hawkins" <bill@iaxs.net>
- 3) RE: Question For The Experts
by Bob Roehrig <broehrig@aurora.edu>
- 4) Re: Bandwidth
by Jerry Proc <jerry.proc@sympatico.ca>
- 5) RE: Question For The Experts
by "Richard W. Solomon" <w1ks@tiac.net>
- 6) Re: Question For The Experts
by W7QH0@aol.com
- 7) Re: Question for the Experts
by "JAMES T HANLON" <knjhanlon@msn.com>
- 8) RE: Keep it at ASCII, please!
by Kevin L Anderson <k9iua@juno.com>
- 9) Strange Messages
by "Don Davis" <dxguy@earthlink.net>
- 10) RE: Question For The Experts
by cswiger <cswiger@widomaker.com>
- 11) Commercial power..
by "Herbert M. Rosenthal" <herbrose@comcast.net>
- 12) Wanted: Bird 67C Dummy Load
by "Merz Donald S" <merz.ds@mellon.com>
- 13) Re: Question For The Experts
by jackiv@juno.com
- 14) Coil Cross-Reference Table
by "Merz Donald S" <merz.ds@mellon.com>
- 15) Answers To "Question For The Experts"
by Liles and Naomi Garcia <landn@easystreet.com>
- 16) Bandwidth/HTML .NE. Boatanchors topic. Plz STOP!
by john <johnmb@nc.rr.com>
- 17) Throat Mike
by W7QH0@aol.com
- 18) Re: [Milsurplus] Throat Mike

by Mike Hanz <AAF-Radio-1@cox.net>
19) Trying to identify surplus item
by "Joe Watson" <wwatson5@cox.net>

Message-Id: <5.1.0.14.0.20030320122714.01ce6ff8@mail.earthlink.net>
Date: Thu, 20 Mar 2003 12:29:50 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>
Subject: Re: Question For The Experts
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Folks,

Could there have been a Halli SX-77? The S-77 is the AC/DC version of an S-40.

/scott

At 11:23 AM 3/20/2003 -0800, you wrote:

>Good evening Everybody,

>

>I am reading the large amount of messages regarding sending only ASCII
>messages to our List. I complained about this problem back on February 1
>when information on the Classic Exchange was sent to the group. ASCII
>works for me, and I am all for retaining it. However, if some of our
>computer experts can figure out a workable filter that would make
>everybody happy, then that is fine with me also.

>

>On a lighter note, I was at the Rickreal Hamfest out here in Oregon last
>month, and a fellow receiver collector told me which receiver was the only
>AC/DC receiver that has a crystal filter in it. Does anyone care to take
>a short break from the war news and tell us which receiver it is?? Or
>maybe this fellow is incorrect and there are more than one. Please post to
>our List so that everybody will know the answer and learn something.

>

>I just thought that I would give you all something to think about to end
>our work week and move into the weekend.

>

>Regards from Aloha, Oregon,

>Liles Garcia

>landn@easystreet.com

From: "Bill Hawkins" <bill@iaxs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Question For The Experts
Date: Thu, 20 Mar 2003 15:56:45 -0600

Message-ID: <002901c2ef2b\$99966e00\$290aa8c0@darius>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

"I know some areas of the U.S. had DC power in the early years. When did they change over to AC?"

There were parts of Boston MA that still had DC service in 1958. You couldn't use an electric clock (before digital, all used synchronous motors). Don't remember which part, now.

DC service would have to come from a nearby generating plant, since there were no DC transformers.

Regards,
Bill Hawkins

Date: Thu, 20 Mar 2003 16:18:22 -0600 (CST)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Question For The Experts
Message-ID: <Pine.OSF.4.53.0303201615100.74789@mail.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 20 Mar 2003, Bill Hawkins wrote:

> There were parts of Boston MA that still had DC service in 1958. You
> couldn't use an electric clock (before digital, all used synchronous
> motors). Don't remember which part, now.
>
> DC service would have to come from a nearby generating plant, since
> there were no DC transformers.

I suspect DC was only in the cities.

This also has me wondering if there were any AC/DC ham transmitters commercially built/sold. I don't know if any of the AC/DC receivers were built specifically because of these areas that only had DC power or not but I know of one consumer set (a Philco cathedral) that a friend has that is transformerless and has no rectifier in it (and it's not a battery set).

Bob Roehrig
Aurora University Telecom/IS dept.
broehrig@aurora.edu 73 de K9EUI
630-844-4898 fax 630-844-4222

Message-ID: <3E7A4234.E82B095C@sympatico.ca>
Date: Thu, 20 Mar 2003 17:35:32 -0500
From: Jerry Proc <jerry.proc@sympatico.ca>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Bandwidth
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Colleagues,

I was hoping not to post more about this thread but I do have a quick workaround for those of you who are having their e-mail truncated as a result of being trapped by the Boatanchors filter.

Simply obtain an E-mail account on Yahoo!mail or Hotmail and use it just for Boatanchors traffic. Although some might perceive it as inconvenient, it did work admirably for me when the Boatanchors ISP blackholed my ISP (Sympatico) thus preventing me from sending ANY traffic to the list. I had suggested this fix for several other Boatanchors subscribers hit with the same problem. (As of a short time ago, the block was lifted so I'm now originating mail from Sympatico instead of Yahoo!)

Mail sent from Yahoo!mail to Boatanchors does make it through. To subscribe to Yahoo!mail got to: <http://www.yahoo.com> and follow the directions to obtain an account. It will also mean you will have to resubscribe to Boatanchors under the new e-mail ID.

Using a web based e-mail solution should address the problem of truncated e-mail and can also be used in the event that anyone's ISP becomes blackholed.

--

Regards,
Jerry Proc VE3FAB
Toronto, Ontario
e-mail: jerry.proc@sympatico.ca

<http://webhome.idirect.com/~jproc/ve3fab>

From: "Richard W. Solomon" <w1ksz@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Question For The Experts
Date: Thu, 20 Mar 2003 17:45:39 -0500
Message-ID: <LOBBJFMMJJCIMDIAGBJLGENKHOAA.w1ksz@tiac.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Most of the DC was used in movie projectors in Boston.
Nice clean Carbon arc.

73, Dick, W1KSZ

-----Original Message-----
From: owner-boatanchors@theporch.com
[mailto:owner-boatanchors@theporch.com]On Behalf Of Bill Hawkins
Sent: 20 March, 2003 4:57 PM
To: Old Tube Radios
Subject: RE: Question For The Experts

"I know some areas of the U.S. had DC power in the early years. When did they change over to AC?"

There were parts of Boston MA that still had DC service in 1958. You couldn't use an electric clock (before digital, all used synchronous motors). Don't remember which part, now.

DC service would have to come from a nearby generating plant, since there were no DC transformers.

Regards,
Bill Hawkins

From: W7QH0@aol.com
Message-ID: <14.d1c9e1b.2babb98c@aol.com>
Date: Thu, 20 Mar 2003 19:40:44 EST
Subject: Re: Question For The Experts
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="part1_14.d1c9e1b.2babb98c_boundary"

--part1_14.d1c9e1b.2babb98c_boundary
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: quoted-printable

In a message dated 3/20/03 11:24:40 AM, landn@easystreet.com writes:

>=20
> On a lighter note, I was at the Rickreal Hamfest out here in Oregon last=20
> month, and a fellow receiver collector told me which receiver was the=20
> only AC/DC receiver that has a crystal filter in it.=A0 Does anyone care=20
> to take a short break from the war news and tell us which receiver it=20
> is??=A0 Or maybe this fellow is incorrect and there are more than one.=20
> Please post to our List so that everybody will know the answer and learn=20
> something.
>=20

All,=20

The Echophone EC-3 (1941 - 1943) was one AC/DC set that also had an xtal=20
filter. Don't know for sure if it was the only one, though.

Dennis D. W7QH0
Glendale, CA

--part1_14.d1c9e1b.2babb98c_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

--part1_14.d1c9e1b.2babb98c_boundary--

From: "JAMES T HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Question for the Experts
Date: Thu, 20 Mar 2003 19:57:03 -0700

MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="----
=_NextPart_001_0002_01C2EF1A.E0D8FBE0"
Message-ID: <BAY4-DAV19Ti8M19VMc0000327d@hotmail.com>

-----=_NextPart_001_0002_01C2EF1A.E0D8FBE0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I can think of three AC/DC receivers with a crystal filter, the National =
NC-80X and NC81X and the Echophone EC-3.

=20
Jim, W8KGI

p.s. I'm using an e-mail package supplied by msn, and I can't figure out=
how to set it to send only ASCII text. Any suggestions?

-----=_NextPart_001_0002_01C2EF1A.E0D8FBE0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
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* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_001_0002_01C2EF1A.E0D8FBE0--

To: Old Tube Radios <boatanchors@theporch.com>
Date: Fri, 21 Mar 2003 03:15:56 +0000
Subject: RE: Keep it at ASCII, please!
Message-ID: <20030321.031600.10166.1.K9IUA@juno.com>
From: Kevin L Anderson <k9iua@juno.com>

I vote to leave it as it is, ASCII only. If ThePorch can
find a way to strip any other MIME component that
is not text/plain, and otherwise pass the "message,"
that would be fine. But I realize that this list is really
a shoe-string operation, provided mainly out of the
good will of a few folks, so I feel in no position to
go asking for improvements, especially when the
current system essentially works.

It is nice to have a list that I can read in peace, without extra clutter for the most part, and without fear of attachments/virii, etc. It is nice to have a list that I can read with the simplest of software and systems. It is nice to know I have a list I can archive for some time to come, much like the printed text.

The only group of people I feel sympathetic to are those for which it is the mail server that the mail goes through, and not the client they type it on, that insists on passing mail in some complex fashion. I had that for several years with one job many moons ago, a school whose mail server was MS Exchange and that insisted on all mail going out X.400 or some such format. It took quite the convincing to get them to add a SMTP gateway. But hopefully those sites are now few and far between.

Not that I have a real vote or anything, but I ask for this list to stay simple and ASCII. Thanks.

Cheers/73,

Kevin, K9IUA, a BA list reader since the AcidQueen days.

Kevin Anderson, K9IUA, Dubuque, Iowa

K9IUA (at) junos (dot) com Opinions all my own.

Sign Up for Juno Platinum Internet Access Today
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Message-ID: <02f701c2ef6a\$ae84b620\$3f32b3d1@hppav>
From: "Don Davis" <dxguy@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Strange Messages
Date: Thu, 20 Mar 2003 21:28:18 -0800
MIME-Version: 1.0
Content-Type: multipart/alternative;
 boundary="-----_NextPart_000_02F4_01C2EF27.9FA13360"

This is a multi-part message in MIME format.

-----_NextPart_000_02F4_01C2EF27.9FA13360
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

I keep getting a very offensive, strange message that I believe is from =
this list (or a list member). Anyone have an idea? He doesn't reply to =
direct emails, and I have never sent any mail to his address.

73s

Don

Msg as follows:

Error 5.7.1 FOAD Spammer!

The owner of this e-mail address has given up under the endless tons of =
spam arriving constantly.

Should you be a human, instead of just another scum sucking low life =
spammer,
you could try contacting him at:

l*a*r*r*y*(at)w*a*y*w*a*r*d*h*o*m*e(dotcom) by removing the obvious. :-
)

-----=_NextPart_000_02F4_01C2EF27.9FA13360

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
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*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=_NextPart_000_02F4_01C2EF27.9FA13360--

Date: Fri, 21 Mar 2003 07:35:20 -0500 (EST)

From: cswiger <cswiger@widomaker.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: RE: Question For The Experts
Message-ID: <20030321072711.X84980-1000000@wilma.widomaker.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

AC/DC set with xtal filter - suspect some Hallicrafters but
don't recall one on the SX-77A I used to have.

Aside - I always thought of the AC/DC 'feature' as more of
a marketing ploy. The accounting dept can save \$4.97 per set,
while the advertising dept. can claim "Runs on both AC and DC!"
instead of "May kill you if you touch the chassis!". Have heard
that parts of NY city (where Edison had his original power grid)
used DC for years afterward.

--Chuck

Date: Fri, 21 Mar 2003 06:54:44 -0700
From: "Herbert M. Rosenthal" <herbrose@comcast.net>
Subject: Commercial power..
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <3E7B19A1.A4EA36CD@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

In the 1930s, Syracuse, NY (Niagara Hudson Electric-Redi Kilowatt) still
distributed 40 Hz to parts of the city. I never understood why, or whether their
AC appliances, etc., had more iron in them than items designed for 60 Hz.

But I do remember smoking my first 400Hz aircraft transformer (WWII surplus) as
I'm sure some of you may also have done. You're fearless when you are 16!

Herb Rosenthal W5AN

Message-ID: <20030321163309.517.qmail@mellon.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Subject: Wanted: Bird 67C Dummy Load
Date: Fri, 21 Mar 2003 11:32:24 -0500
From: "Merz Donald S" <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>

WANTED: Bird 67C dummy load. I have the meter, I just need the load.
WANTED: Manual copy for Bird 67C combination terminated watt meter and =
dummy load.
WANTED: Hallicrafters S-108 manual copy (paper copy wanted).
WANTED: Book: Cathode Modulation by Frank C. Jones.
WANTED: Military Navy WWII pilot's control box CAY-23219 for the =
GP-series Transmitters.=20

Any help appreciated.
Thanks.
73, Don Merz, N3RHT

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Fri, 21 Mar 2003 10:01:12 -0600
Subject: Re: Question For The Experts
Message-ID: <20030321.105802.2480.4.jackiv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: jackiv@juno.com

Many marine applications used 110 vdc. As Commander McDonald pres Zenith
and good pal of
Bill Halligan there were many rx both plain and xtal filter on the
market. These were slanted to the
marine and Coast Guard markets.

Jack jackiv@juno.com

On Fri, 21 Mar 2003 07:35:20 -0500 (EST) cswiger <cswiger@widomaker.com>
writes:

> AC/DC set with xtal filter - suspect some Hallicrafters but
> don't recall one on the SX-77A I used to have.
>
> Aside - I always thought of the AC/DC 'feature' as more of
> a marketing ploy. The accounting dept can save \$4.97 per set,
> while the advertising dept. can claim "Runs on both AC and DC!"
> instead of "May kill you if you touch the chassis!". Have heard
> that parts of NY city (where Edison had his original power grid)
> used DC for years afterward.
>
> --Chuck
>
>
>

Message-ID: <20030321202447.18574.qmail@mellon.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Subject: Coil Cross-Reference Table
Date: Fri, 21 Mar 2003 15:24:37 -0500
From: "Merz Donald S" <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>

Hey, I have a project idea for someone with a good reference library =
stuck at home after surgery or otherwise with time on their hands--Build =
a coil cross-reference table. My ideal table would have columns labeled =
FACTORY COIL ID, FACTORY COIL SPECS, PROJECT EQUIVALENT, and NOTES. So =
an entry in the table would go something like this (hypothetical, =
entirely fictitious example...)

COIL ID: B&W HDVL-10
FACTORY COIL SPECS: 6 turns 1/8' copper tube, 2 inches in diameter, =
spread evenly over 5 inches, with link.....etc.
PROJECT EQUIVALENT: 7 turns of #12 solid copper wire, 1-7/8 inches in =
diameter, spread evenly over 4.5 inches with link...etc.
NOTES: Factory coil specs from actual measurements. Project Equivalent =
data from 1954 ARRL Handbook, page 258. HDVL coil uses 5-pin jack bar =
with banana pins evenly spaced from ends. Equivalent coil made by =
Hallicrafters as their part number C450B for the HT-4 transmitter. Also =
has military equivalent 163-7321D-639 made for the BC-610 transmitter.

Or whatever. You get the idea. The PROJECT EQUIVALENT data comes from =
looking at projects where they specify a commercial coil but also give =
coil winding data... Having this table would allow anyone short a coil =
or two to quickly make one up.

Anyway, probably a bonehead idea, and maybe everyone already has one of =
these tables. But I don't.=20

73, Don Merz, N3RHT

-----Original Message-----
From: Arthur E. Joly [mailto:art@n1rpn.mv.com]
Sent: Friday, March 21, 2003 2:37 PM
To: 'amradio@mailman.qth.net'
Subject: RE: [AMRadio] B&W Coils Needed

I have a large group of Bud coils, is there a cross for the B&W?
Art
N1RPN

--- StripMime Report -- processed MIME parts ---

multipart/mixed

text/plain (text body -- kept)

application/ms-tnef

The reason this message is shown is because the post was in HTML
or had an attachment. Attachments are not allowed. To learn how
to post in Plain-Text go to: <http://www.expita.com/nomime.html> ---

AMRadio mailing list

AMRadio@mailman.qth.net

<http://mailman.qth.net/mailman/listinfo/amradio>

Message-ID: <3E7B7A9E.7060100@easystreet.com>

Date: Fri, 21 Mar 2003 12:48:30 -0800

From: Liles and Naomi Garcia <landn@easystreet.com>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Answers To "Question For The Experts"

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

Good afternoon Everybody,

Here is the original question: What is the only AC/DC receiver that has
a crystal filter??

The answer to the question that I had from my friend at the swapmeet was
the " Echophone Commercial EC-3 ".

The first correct answer came from Dennis D, W7QH0.

The next correct answer came from Jim Hanlon, W8KGI, who added the
National NC-80X and National NC-81X to the list of correct answers.

Good job awards to you both!!

Another submitted answer is the National NC-46. I am looking at Moore's
book and it says that the NC-46 does not have a crystal filter. Also,
just for the record, there is no such receiver as the Hallicrafters
SX-77. This thread was very interesting for me, and the next time that
I see my friend at a swapmeet, I can further his education on this
topic. By the way I actually saw an Echophone Commercial EC-3 a few

weeks ago. I think that these little guys must be kind of rare. With an RF amplifier and two IF's they should work well also.

Bob Roehrig, K9EUI, mentioned in his email that we could also add a topic of " AC/DC receivers that have S-Meters and/or other tuning indicators (such as a tuning eye) ". This seems like a great idea to me!! I will do some research this weekend and post what I can find. Please post your answers to the list so that we can all learn together. Everybody have a great weekend!!

Regards from Aloha, Oregon,
Liles Garcia
landn@easystreet.com

Message-Id: <3.0.3.32.20030321160533.025a00c0@pop-server.nc.rr.com>
Date: Fri, 21 Mar 2003 16:05:33 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Bandwidth/HTML .NE. Boatanchors topic. Plz STOP!
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The bandwith issue is not one that's going to be won or decided by public vote. If you have a preference, please write Phil or Jack offline!!!

All of this is way OT and has nothing to do with the charter of this group.

Please consider taking this off line, as yakking about it here is going to accomplish nothing (productive).

Thanks
John

From: W7QHO@aol.com
Message-ID: <32.35ef0344.2bace10b@aol.com>
Date: Fri, 21 Mar 2003 16:41:31 EST
Subject: Throat Mike

To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_32.35ef0344.2bace10b_boundary"

--part1_32.35ef0344.2bace10b_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

All,

I recently picked up a WW2 T-30 throat microphone at a fleamarket. Hooked it up to my ART-13 and made a few tests with my friends here in Southern California. The universal report was very muffled, restricted and only marginally intelligible audio, the same results I remember from the last time I played with a throat mic back in the 50s. The unit was in very good condition, BTW, and had very high output -- modulated the ART-13 fully.

My question here is, was there a particular communication technique, method of articulation, special vocabulary, etc., which had to be used with these things? Hard to believe they were satisfactory for operational use. Has anyone had personal experience here?

Dennis D. W7QH0
Glendale, CA

--part1_32.35ef0344.2bace10b_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
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*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_32.35ef0344.2bace10b_boundary--

Message-ID: <3E7B9351.30204@cox.net>
Date: Fri, 21 Mar 2003 17:33:53 -0500
From: Mike Hanz <AAF-Radio-1@cox.net>
MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com, milsurplus@mailman.qth.net
Subject: Re: [Milsurplus] Throat Mike
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

W7QH0@aol.com wrote:

> I recently picked up a WW2 T-30 throat microphone at a fleamarket. Hooked
> it up to my ART-13 and made a few tests with my friends here in Southern
> California. The universal report was very muffled, restricted and only
> marginally intelligible audio, the same results I remember from the last time
> I played with a throat mic back in the 50s.
> My question here is, was there a particular communication technique, method
> of articulation, special vocabulary, etc., which had to be used with these
> things? Hard to believe they were satisfactory for operational use.

Heh, heh, you noticed that too, Dennis? <g> This is probably as good a point as any to quote the 1946 Summary Technical Report of the National Defense Research Committee Division 17:

"9.2.3 Throat Microphones

A device used widely by the USAAF at the beginning of WWII was the throat microphone. In this assembly the microphone is strapped to the throat directly above the larynx. Such an arrangement possessed the advantage of apparently low noise pickup and free use of hands, and it probably would have been a very effective instrument but for the fact that the speech signal available at the larynx is intrinsically unintelligible."

Those last two words pretty much sum it up. :-) It goes on to say this was not caused by a basic design flaw, since British and captured Japanese throat mikes showed the same problem on structured intelligibility tests. The shift to oxygen mask mikes (and others) was in part a reaction to the throat mike problem. There are some interesting intelligibility curves for different mike configurations, with the old T-17 very close to the top of the heap. My personal favorite (if you want an 'authentic' WWII hands-free aircraft microphone) is the H-46 boom mike headset, which was an AAF derivative of the T-45 ground force lip mike. There's a picture of one of mine at http://members.cox.net/mymhh/H-46_vs_H-63.JPG, contrasted with the later, fairly common H-63 headset mike that happens to fit the H-46 holder on the side of the earphones.

Best 73,
Mike

Message-ID: <001101c2effd\$cd3397b0\$6900a8c0@radioroom>
From: "Joe Watson" <wwatson5@cox.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Trying to identify surplus item
Date: Fri, 21 Mar 2003 17:01:26 -0600
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_000E_01C2EFCB.82545680"

This is a multi-part message in MIME format.

-----=_NextPart_000_000E_01C2EFCB.82545680
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

I have a very nicely built piece of gear called "Philco Sierra =
Electronic Operation, Tuning Unit, Model 305A-T". It also bears the mil =
designation TN-527/U (Lear-Siegler).

Can anyone shed any light on what it was used for or where I might look =
for some data on it?

Thanks.

Joe
W5WBR

-----=_NextPart_000_000E_01C2EFCB.82545680
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
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* (such as an attached file, a v-card, HTML formatting) *
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* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_000E_01C2EFCB.82545680--

End of BOATANCHORS Digest 3468
